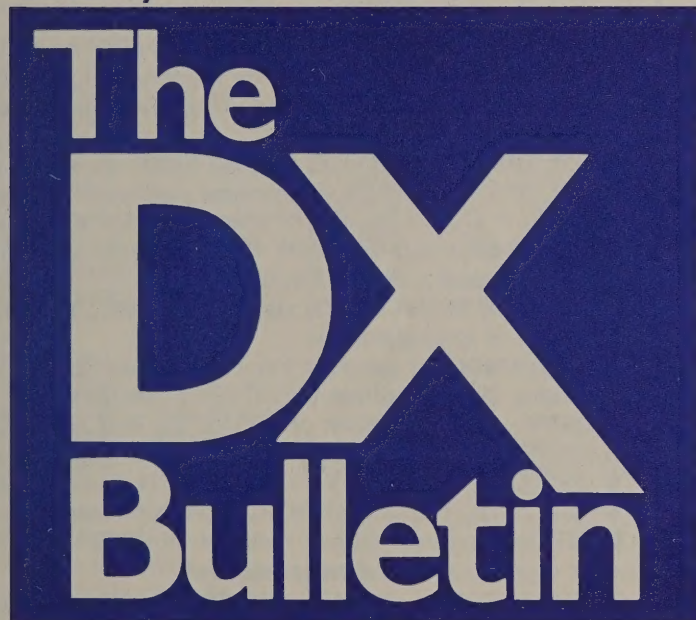


**Gibraltar - ZB** Torsten Dittberner DL1BX and Hans-Rainer Uebel DL7CM will operate ZB2/ May 10-20, on all bands, 160-10 meters, CW, SSB, and RTTY. Top band is top priority, but they will not neglect the other bands. QSL respective home calls: DL1BX, Butterblumenweg 2, 15566 Schöneiche, Germany; DL7CW: Am Goldmannpark 47, 12587 Berlin, Germany. Sunrise 0515Z; sunset 1925Z.

**Marshall Islands - V7** Bob O'Donnell WW1V will operate as V73C from Kwajalein (OC-028) May 2-14, on all bands, SSB and CW. Mostly SSB, but CW contacts on request. Emphasis will be on 40 meters, using the local club's three-element yagi. Sunrise 2000Z; sunset 0750Z. QSL home address: 4 Silver Hill Road, Acton MA 01720.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

**Bermuda - VP9** Paul Sheldon N1LJA will operate N1LJA/VP9 from Bermuda (NA-005) June 9-15, running 100 watts to a vertical windom. 40-10 meters around 7260, 14260, 21360, 24960, and 28460. QSL home call.

**Bermuda - VP9** K4ZLE/VP9 will be active from Warwick Parish Apr. 7-14, mostly CW on 80, 40, and 30 meters. Propagation permitting, he'll also try 17 and 12 meters. Look for Jay just above the US Extra-class subbands. QSL home address.

**Jan Mayen - JX** Per LA7DFA expects to be active as JX7DFA beginning May 1. He arrives on Jan Mayen April 13. He will be on bands and modes, including RTTY. (No QSL route given.)

## Shortly Noted

- **MX0AAA** marks the beginning of the new M prefixes from the United Kingdom until Apr. 7. (*DXPress*.)
- **8P9IJ** is David VE3VET from Barbados Apr. 20-27. With him is Joe VE3BW, who will operate as **8P9IK**. QSL respective home calls.
- **5R8EN** is often on 7057 kHz, listening 7240 kHz, around 1415Z. CW contacts on request. QSL F6AJA.
- **NH6D/KH4** is due back for another two-week operation from Midway (OC-030) this month. Dates depend on military transport. QSL KL7H/W6.
- **3A/DJ5MN** will operate from the shack of Laura 3D2MD in mid-April (exact dates not known). He hopes to improve the 160-meter antenna. QSL home call. (*DXNS*.)
- **FR5HIG/G** may be active for a few days in May.
- **ZK2ZE** was Morten LA9GY; apparently he was not able to get to Tonga as planned. QSL home call.
- **TK/F5RTJ** is active from Corsica (EU-014) until April 12, on CW and SSB, all bands. QSL home call.
- **S020R** is the Western Sahara call sign of the Lynx DX Group until April 7. See Issue 832.
- **IT9KDA/IT9, IT9LQG/IT9, and IT9SKY/IT9** will be active from Island Bella Apr. 26-28, on CW and SSB. QSL via the Italian bureau to home calls.
- **VP8BPZ** will be active from the Falklands (SA-002) May 15-Sept. 15. QSL direct to GW8HVI or via the German bureau to DA4RG. Reg expects to visit South Georgia sometime during his stay. SSB only; no lists no nets.
- **3C1DX** is active on CW; QSL EA6BH.
- **ZK1**: Michael DF8AN plans to be active at his local sunset (0430Z) April 12-19 5-watt QRP on 40, 15, and 6 meters. He then goes to Tonga A3 May 3-8, with the same schedule. Sunset is around 0545Z. Next stop is Western Samoa 5W, where sunset is about 0500Z, beginning May 8. QSL home call.
- **EM10C** is a special-event station Apr. 26-30, by the Radio Club of Chernobyl Amateurs. QSL via UY5XE.
- **DX Nets**: 14226.5 kHz: TT8AB TJ1PD C53HG EL2WA Z21HD; 14247 KhZ: EL2AY 5V7MD CP5JI TI2OHL D44AB TU2DP 9L1MG JR1BLX S92YL FG5GZ S92YL.

## Islands On The Air

- **GM0UTT/p** will be active Apr. 14-18 from Isle of Skye (EU-008), on 160-2 meters, mostly SSB but CW upon request. They will be on 1917.5 kHz at 0715-0815 daily. QSL direct to GM0UTT. (*DXNS*.)
- **7X**: W3GF and a couple other operators plan an operation from the Mediterranean Sea Coast, a New One for IOTA, April 24-27. (*DXNS*.)



## Propagation

### Forecast and Historical Data

Day	Forecast	27 Days Before	55 Days Before
April, 1996	Date	Flux A K	Date Flux A K
5	High Normal	3/9 68 09/07 1	2/10 70 09/07 3
6	High Normal	3/10 69 09/09 2	2/11 70 16/18 2
7	Below Normal	3/11 72 08/26 2	2/12 69 12/12 1
8	High Normal	3/12 73 14/12 3	2/13 69 12/13 2
9	Low Normal	3/13 71 17/17 2	2/14 69 12/13 2
10	High Normal	3/14 71 06/09 1	2/15 69 08/08 1
11	High Normal	3/15 70 06/07 1	2/16 70 10/08 1
12	High Normal	3/16 71 07/08 1	2/17 71 07/07 2
13	High Normal	3/17 71 13/12 1	2/18 70 07/08 1
14	High Normal	3/18 71 09/08 2	2/19 71 08/07 1
15	High Normal	3/19 70 12/12 2	2/20 72 06/06 2
16	Low Normal	3/20 69 18/17 4	2/21 72 06/05 1
17	Low Normal	3/21 70 29/22 4	2/22 72 06/07 1
18	Low Normal	3/22 74 15/14 3	2/23 74 13/13 2
19	High Normal	3/23 72 07/07 1	2/24 76 13/17 2
20	High Normal	3/24 71 12/13 3	2/25 73 12/14 3
21	High Normal	3/25 72 13/13 2	2/26 72 12/12 2

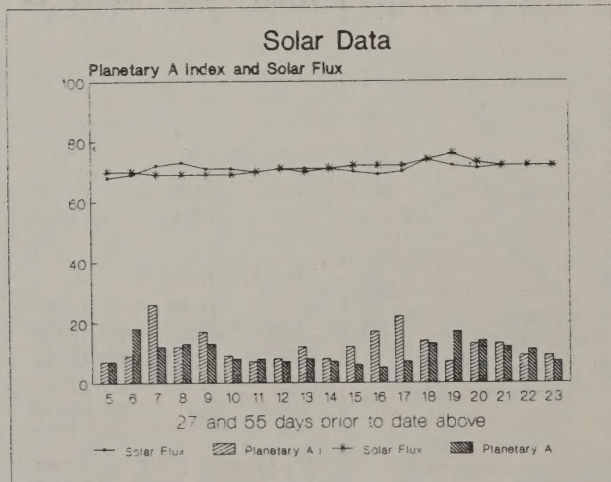
### Propagation

The sunspot count for February was the lowest in this cycle: a mere 4.4 for the entire month. Just a year ago, the sunspot count was about 30. The sun remains almost spotless, with solar flux near 70. This means that 15 meters seldom opens on useful DX paths, and even 17 meters can be spotty. The daytime DX band is 20 meters, but that closes soon after local sunset.

40 meters is the prime DX band, with good openings from a hour or so before local sunset to a couple of hours after local sunrise. 30 meters is also useful for DX at about the same times.

The low bands are feeling the effect of the shortening night in the northern hemisphere. Signal strengths are dropping and noise is increasing. However, 80 and even 160 meters are worth checking, especially when the K index is low: 2 or less.

The forecast is for a continuation of the conditions we have been experiencing for the last couple of months. April 7-9 and again 16-18 will be the worst days of the next two weeks. Otherwise, polar and long paths should be available to supplement the regular short paths. Good hunting!



## QSL Information

- Ed Durbajlo SP1MHV reports that all the QSLs for his OD5/ operation were put into the bureau system in December. Anyone still needing a card may get one before August via P. O. Box 11, 78-300 Swidwin-1, Poland.
- QSL IIC6CR and IID6CR via Dr. Rick Dorsch NE8Z, P. O. Box 616, Hamburg MI 48139-0616. This is a new address.
- QSL the 1996-97 operations of VK8DX via operator Ace Jansen N3AHA, 42857 Hollywood Park Place, Ashburn VA 22011.
- QSL most operations of VP2EZ via Glenn Johnson WA0PUJ. (That call was accidentally issued to another operator in Feb, 1996; for those few QSLs, see AA7VB's new address in Issue 830. -ed.)
- QSL C56AA, C56WW, and C56/G0UCT via G0UCT.
- QSL TK5NI and FK8IIC via HH2HM, P. O. Box 104, 22650 Ploubalay, France.
- QSL A61AM via KA5TQF.
- QSL 3D2OQ, 3D2SN, and ZK1SSN via operator Lars Nordlund SM5BOQ, Rankhusvegen 15, S-19630 Kungsaengen, Sweden.
- VU2DK says mail from outside India is often being opened and contents removed. He suggests using well-sealed, opaque envelopes and avoiding the folded return envelope.
- QSL HII8/, HII3/WA2VUY, and HII3/NO2R via WA2VUY.
- QSL AP5N and AR5N via operator Andrzej Makowski SP5DIR, P. O. Box 36, 00-976 Warszawa 13, Poland.
- QSL OM3PA and OM3TZW via Budovatelska 599/25, 95804 Partizanske, Slovak Republic.
- QSL Tony Selmes A45ZN via P. O. Box 981, Muscat, Sultanate of Oman, Arabia.
- QSL 9M8CC via operator Peter Borsboom PD0ALB, Madridwg 299, Vlaardingen, 3137AN, Netherlands.
- QSL the 1991 operation of XV3UU via Rod Huckabay KA5EJX, 4002 70th St., Lubbock TX 79413-5918.
- QSL ZL7CW via WB8YJF and ZL7PYD via K8PYD.
- QSL ZC6B, TA2ZI, and OE6CLD via new manager K9JJR, who replaces former manager WA6EQX.

### Contributors

This Issue made possible by: 9K2HN, AA9IV, AE1Q, DL7CM, DXNS, DXPress, G0UCT, HH2HM, K4BAI, K4II, K4ZLE, K5OD, K5OVC, K6IR, K6LEB, K7ABV, K8JLF, K9JJR, KA7T, KB8I, KG4O, KG6I, KM9J, KS0M, KZ0X, N0ABA, N1LJA, N2GLH, N3AHA, N6CW, N6YEU, OPDX, SM0DJZ, SP1MHV, SP5EWY, VE3VET, W0IJN, W0JRN, W1BFT, W1FV, W1NH, W1WA, W4VQ, W7CNL, W8AXI, W8CT, W9HAO, W9KNI, W9NTU, W9RN, W9RXJ, WA0PUJ, WA2VUY, WA3DMH, WB3ECU, WB8YJF, WB8ZRL, WO6R, WW1V, and WU6T. Many thanks!

### QSLs Received

- From managers: 3DA0CA (W4DR, 10 DAYS!); 4N50UN (WB8LFO, 4 MOS); 9J2BO (W6ORD, 3 WKS); 9K2MU (WA4JTK, 10 DAYS!); 9U/F5FHI (F2VX, 2 WKS); CX0CW (LU8DPM, 3 WKS); CY0TP (CE1CNK, 3 WKS); DP1KGI (DL7VRS, 3 MOS); PJ8A (W9NIP, 2 WKS); TG9IDK (K4TT, 2 MOS); ZK1DI (OK1RV, 3 WKS); 4X4NJ (2 WKS).
- Direct: 9A5D (12 DAYS!); JA3ONB (3 WKS); SV2BOH (2 WKS); VP2VF (6 WKS).



# B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. \* = long path. P = packet.  
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20

## Digimodes

C94AI	14085	1933	21	MN
CN8LI	14083	2138	18	MN
FG5GI	14086	2142	18	MN
Z21HD	14088	1816	23	FL

## 160 Meters

CO2EG	1829	0614	23	IL
EM1KA	1831	0241	23	MA
FS5PL	1823	0719	3	CA
YS1ZV	1828	0343	23	FL
ZA1AJ	1822	0432	18	VA
ZS6UT	1831	0412	25	NY

## 80 Meters

4K8F	3503	0218	23	FL
5B4OG	3507	0309	23	FL
EM1KA	3501	0128	23	FL
FK8GJ	3504	1050	21	NH
FS5PL	3502	0159	24	FL
HR1LW	3506	0023	23	FL
JA7BXS	3505	0955	22	NH
VK6HD	3506	1105	20	NH
VK6WJ	3506	1105	23	NH
VK7CW	3505	1030	23	NH
ZL3NE	3505	0935	22	NH

## 75 Meters

5W1MH	3789	0805	25	IA
7X5JF	3787	0420	29	IA
8R1AK	3799	0658	24	IL
A92BE	3797	0248	18	VA
BG4DW	3799	1130	24	AR
C21NJ	3800	1057	21	AR
C21RK	3800	1100	21	AR
C31SD	3790	0244	23	WI
CT3FT	3793	0740	23	IL
CU3FQ	3786	0407	10	WI
D44BC	3792	0353	10	WI
DU9RG	3798	1138	18	AR
EA8PP	3792	0509	22	CA
EA9IE	3794	0616	23	IL
FR5DX	3790	0300	21	IA
HH5DAD	3795	0654	24	IL
KH0BX	3796	1130	20	AR
OD5NJ	3799	0249	23	MA
UA0FDX	3794	1102	22	AR
ZA5B	3795	0540	23	IA
ZL4BO	3795	0709	24	IL

## 40 Meters

3B8CF	7007	0220	28	IA
3DA0CA	7004	0355	26	IA
3W5FM	7009	1500	25	CA
3W5RS	7006	1356	20	CA
5R8EN	7002	0340	26	VA
8R1AK	7195	0736	24	IL
9J2SZ	7005	0027	23	CA
9L1PG	7013	0040	22	IA

9M2JJ	7005	1435	26	CA
9U/EA1FH	7002	0033	20	CA
9U/F5FHI	7017	0058	24	SC
BZ4RA	7015	1410	20	CA
CN2AF	7004	2325	26	IA
EA6ZY	7004	0030	23	FL
FK8GJ	7003	0625	20	MT
FK8GJ	7007	1437	23	ID
FR5DN	7006	0308	26	VA
FT5WE	7005	1345	18	IA
HC5AI	7003	1136	23	FL
HJ0VGJ	7007	1110	23	IA
J56CK	7004	2318	29	FL
JD1/	7018	1047	20	MT

### JH2ENF

PY0TI	7005	0125	24	IA
PZ1DV	7009	0657	21	MT
R1FJZ	7001	0213	23	FL
RW0MM	7009	1338	22	MT
S0RASD	7013	2350	26	IA
TR8BAR	7004	2245	18	IA
UA9FAR	7003	0257	19	MT
V44KJ	7004	0203	24	FL
V73C	7011	0644	24	MT
VK0WH	7009	0925	19	IA
VK6HD *	7001	2240	18	IA
VK9NS	7009	1010	28	IA
VQ9DX	7005	0052	15	CA
ZD7VJ	7003	0455	30	IA
ZS4TX	7008	0425	24	MT

## 30 Meters

3B8FG	10101	0242	25	GA
3W5FM	10104	1456	17	CA
9M2FS	10103	1520	21	ID
9M2TO	10101	1507	17	CA
9M8FC	10110	1600	21	ID
9U/EA1FH	10101	2112	25	SC
9U/F5FHI	10100	1845	23	NH
CT3FT	10102	1823	23	NH
EA8CN	10104	2022	24	NH
FG5GI	10102	2306	20	NY
FY5YE	10101	2205	21	NY
HC5AI	10107	1208	23	VA
HK0ER	10104	2251	22	GA
J56CK	10101	2316	27	FL
LX1DA	10107	1851	25	NH
PJ9JT	10103	2308	20	NY
PY0TI	10108	0204	23	GA
R1FJZ	10101	0305	18	GA
R1FJZ	10101	1249	19	MA
RV6LMT	10108	0230	16	ID
S51UF	10101	1912	23	NH
T77C	10102	2127	24	NH
TR8BAR	10103	0315	24	FL
V44KJ	10103	2314	21	GA

## 20 Meter CW

3W5FM	14017	1512	27	ID
4J3M	14007	1445	22	NH
4X4NJ	14012	1526	22	CA
4Z5AD	14022	1705	28	ID
5R8DG	14034	1705	23	IA

7Q7SB	14050	2011	21	CO
7Z5OO	14008	1610	24	FL
9K2MU	14007	1610	28	IA
9L1PG	14025	1335	28	IA
9U/EA1FH	14020	1815	15	ID
9U/F5FHI	14006	2040	23	SC
A71EZ	14003	1625	28	IA
D3EV	14017	2056	14	MN
DP0EPO	14015	1618	28	ID

### Antarctica

ES1WN	14041	1404	27	ID
EW8WF	14025	1410	13	MI
FR5HG/G	14006	1700	15	ID
GM3POI	14024	1430	25	NH
HV3SJ	14016	1533	24	IL
LX1DA	14008	1700	15	ID
LY1CQ	14013	1456	17	MN
PZ1DY	14029	2213	24	MT
R0/UR8LV	14021	0145	19	ID
S51ZY	14030	1451	23	NY
S92SS	14037	2101	23	SC
S92VG	14013	1930	23	ID
SU2MT	14005	2040	17	MI
T91EAM	14012	1330	18	MI
TF5DZ	14010	1235	24	FL
TJ1GB	14011	1730	23	IA
TU2XZ	14009	2202	12	WI
UA2FGU	14009	1229	24	FL
V31RA	14031	2345	24	NY
V44KJ	14017	1517	27	ID
V73GT	14005	2124	14	MO
VU2BK	14025	1313	22	GA
Z31CN	14003	1510	12	MI
ZB2EO	14022	1558	24	FL

## 20 Meter SSB

3V8BB	14166	1441	15	MD
5B4ES	14182	1612	24	PA
5B4ES	14240	1807	23	PA
5H3CC	14309	1905	18	MD
5H3MZ	14211	2046	15	MD
5N0MVE	14287	2125	21	MD
5N0RMS	14178	0002	19	AR
5N1DMA	14210	2027	23	MD
5V7MD	14161	2316	24	WI
5X1C	14221	2208	24	MT
5Z4GE	14241	2221	22	MD
6W6JX	14165	2105	21	MD
7Q7NB	14222	2211	24	MT
7Q7SB	14189	2000	23	PA
7X2DG	14180	1228	22	AR
9G1BJ	14192	2140	22	CA
9G1NS	14189	2107	21	MD
9G5GS	14195	1900	24	MT
9K2ZC	14188	1335	27	IA
9L1MG	14250	2106	9	MD
9L1PG	14250	2155	16	KS
9U/EA1FH	14213	2049	15	MD
9U/F5FHI	14180	1725	23	WI
A22BW	14215	1832	24	WI
A61AN	14240	1634	18	MD
A71BY	14188	1355	24	PA
A71DX	14243	1627	18	MD
A92GD	14224	1425	22	MD

CN8NK	14210	1851	24	PA
DU9RG	14190	0239	10	MD
EA9AZ	14261	2122	23	WI
EL2LY	14227	2214	21	WI
EL2WA	14176	2235	22	MD
ET3AA	14212	1415	27	IA
ET3AH	14200	1530	19	IA
GJ3IT	14240	1730	24	NH
KG4MH	14203	2157	17	WI
PY0TI	14195	2155	21	MD
PZ5JB	14205	0008	18	MT
S79KMB	14227	1630	15	WI
S92VG	14185	2230	27	IA
T77J	14164	1353	17	PA
TJ1GD	14193	2040	19	IA
TJ1JR	14168	2155	21	MD
TJ1PD	14226	2153	23	MT
TN/	14240	2310	18	MD

### KF4BTY

TT8AB	14248	2228	22	MD
TT8BP	14195	2041	12	MD
TU2DP	14226	2148	22	CA
TU2JL	14216	2113	21	CA
TZ1GD	14196	2159	19	WI
V51BO	14205	1648	23	PA
VP8CTM	14194	2242	12	WI
VQ9DX	14167	1725	15	MD
VR2BH	14190	0239	10	MD
Y11FC	14224	1411	14	MD
ZA1BJ	14220	1755	21	MD
ZD7DP	14187	2153	21	MD
ZD7SM	14186	1937	18	MD

## 17 Meter CW

9U/EA1FH	18070	1635	23	SC
9U/F5FHI	18074	1431	24	MA
LU7ER	18075	1848	25	NH
V44KJ	18075	1755	24	SC
XQ0YAF	18073	0022	23	FL
YS1ZV	18078	1746	24	SC

## 17 Meter SSB

5X4F	18160	2031	23	MI
7X2RO	18139	1621	22	MA
EA9IE	18146	1703	24	AR
HH5CN	18116	1350	17	VA
YS1ECB	18133	1606	17	VA
ZB2GR	18120	1355	17	VA

## 15 Meter CW

CP4BT	21016	1518	25	VA
XQ0YAF	21006	1748	17	VA

## 15 Meter SSB

9L1PG	21306	1740	17	IA
CN8NK	21249	1720	17	IA
V51C	21335	1605	17	IA
V73C	21305	2125	23	AR
YN1NC	21310	1732	24	AR

## 10 Meter CW

FO0DI	28004	0210	22	CA
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## Current and Future DXpeditions

(Changes and hot info in boldface.)

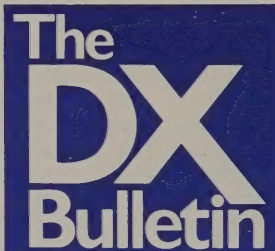
<u>DXCC Country</u>	<u>Prefix</u>	<u>Callsign</u>	<u>Dates</u>	<u>Issue</u>
Algeria	7X	W3GF+	Apr. 24-27	1833
Antarctica	KC	EM1KA	7005 02-04Z	1830
Ascension Island	ZD8	ZD8VJ	Apr. 16-23	1828
		ZD8Z	Apr. 16-24	1829
Barbados	8P	8P9IJ/IK	Apr. 20-27	1833
Bermuda	VP9	N1LJA/	June 9-15	1833
		K4LZE/	Apr. 7-14	1833
Chagos	VQ	VQ9DX	to June	1827
Christmas island	VK9	VK9XM	Apr. 5-10	1832
Corsica	TK	/F5RTJ	to Apr. 12	1833
Cyprus	5B4	/DL8KWS	to Apr. 10	1832
Falklands	VP8	VP8BPZ	May-Sept.	1831
Gibraltar	ZB	ZB2FX	Apr. 10-May 1	1829
	ZB2/	DL1BX+	May 10-20	1833
Glorioso	FR/G	FR5HG/G	May?	1833
Grenada	J3	J3K	Apr. 5-12	1829
Guam	KH2	AH0AV/	Apr. 11-14	1828
Guinea-Bissau	J5	J56CK	Mar. 27-Apr. 7	1829
Isle of Man	GD0/	AI5P	to Apr. 25	1832
Jan Mayen	JX	JX7DFA	May 1+	1833
Juan de Nova	FR5DT/J		14122 15Z	1830
Kermadec	ZL8	ZL8RI	May 4-14	1820
Luxembourg	LX	DL3FCP+	Apr. 7-13	1828
Madagascar	5R	5R8EN	7057 1415Z	1832
Malta	9H	9H3TY/Z	May 17-31	1831
Marianas	KH0/JM4HNS		Apr. 11-14	1832
Marshall Islands	V7	V73C	May 2-14	1833
Midway	KH4	NH6D/	April	1833
Monaco	3A/	DJ5MN	mid-Apr.	1833
Netherland Antilles		PJ2/OH2XY	Mar. 26-Apr. 7	1830
St. Helena	ZD7	ZD7VJ	Mar. 29-Apr. 12	1828
Sierra Leone	9L	9L1MG/PG	to May 15	1832
South Cooks	ZK	DF8AN	Apr. 12-19	1833
Sri Lanka	4S	4S7BRG	Mar. 9-Apr. 17	1828
Svalbard	JW/	JW/LA5HE	early Apr.	1830
		JW5NM	160 meters	1830
		JW6RHA+	Apr. 1-7	1831
Tonga	A3	DF8AN	May 3-8	1833
Trindade	PY0	PY0TI	to May	1825
Tunisia	3V	3V8BB	Apr. 14-24	1831
Uganda	5X	ON6TT	soon	1824
Vietnam	3W	3W6GM	14198 11-15Z	1831
Western Sahara	S0	S020R	Apr. 5-8	1832
Western Samoa	5W	DF8AN	Mau 8+	1833

## DX Operating Events and DX Gatherings

April 6-7	Spanish RTTY Contest
Apr. 19-21	Visalia International DX Convention
May 17-19	Dayton Hamvention
May 27-28	WPX CW Contest

## Resident Amateurs on Regularly

<u>DXCC Country</u>	<u>Callsign</u>	<u>Freq.</u>	<u>UTC</u>
Burundi	9U/EA1FH	10101	2100Z+
Cameroon	TJ1GB	14010	2100Z
Cameroon	TJ2JL	14210±	21-2200Z
Cameroon	TJ1GD	14194	2030-2230Z
Chad	TT8BP	14196	2100Z+
Estonia	ES1WN	14024±	14-1600Z
Falklands	VP8CTM	14198±	2245Z+
Franz Josef Land	R1FJZ	10101	13-1500Z
Franz Josef Land	R1FJZ	7001	02-0400Z
Ghana	9G1NS	14195±	21-2400Z
Gibraltar	ZB2EO	20M CW	16-1700Z
India	VU2BK	14025	13-1400Z
Mauritius Island	3B8CF	7007	0230-0330Z
Morocco	CN8NK	14205±	1900Z+
Nauru	C21RK	3800	1030Z



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Nauru	C21NJ	3800	1100Z
Nigeria	5N1DMA	14210	2030Z
Qatar	A71BY	14210±	1400Z
Sao Tomé	S92VG	14010±	1930-2200Z
Sierra Leone	9L1MG	14250	2100Z
St. Helena	ZD7SM	14185	1930Z+
Tanzania	5H3MZ	14190±	2100Z
Trandade	PY0TI	10107	0200Z
Trindade	PY0TI	14195	21-2330Z
Vietnam	3W5RS	7006	1400Z
West Malaysia	9M2JJ	7005	1430Z
Zambia	9J2SZ	7005	0030-04Z
Zone 29	VK6HD	3504	1100Z